

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 02/16468

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03H9/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HSU W-T ET AL: "MECHANICALLY TEMPERATURE-COMPENSATED FLEXURAL-MODE MICROMECHANICAL RESONATORS" INTERNATIONAL ELECTRON DEVICES MEETING 2000. IEDM. TECHNICAL DIGEST. SAN FRANCISCO, CA, DEC. 10 - 13, 2000, NEW YORK, NY: IEEE, US, 10 December 2000 (2000-12-10), pages 399-402, XP000988868 ISBN: 0-7803-6439-2 paragraph '00II!; figures	1,5,7-9, 14,21, 25, 27-29, 34, 41-44, 48-51
X	US 6 236 281 B1 (NGUYEN CLARK TU-CUONG ET AL) 22 May 2001 (2001-05-22) column 16, line 24 - line 32; figure 16A --- -/--	1,21

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

11 October 2002

Date of mailing of the international search report

18/10/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

D/L PINTA BALLE..., L

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	ADAMS S G ET AL: "INDEPENDENT TUNING OF LINEAR AND NONLINEAR STIFFNESS COEFFICIENTS" JOURNAL OF MICROELECTROMECHANICAL SYSTEMS, IEEE INC. NEW YORK, US, vol. 7, no. 2, June 1998 (1998-06), pages 172-180, XP000834736 ISSN: 1057-7157 paragraph '00IB!; figures 3,4 -----	2,22
A	NGUYEN C T C: "MICROMACHINING TECHNOLOGIES FOR MINIATURIZED COMMUNICATION DEVICES" PROCEEDINGS OF THE SPIE, SPIE, BELLINGHAM, VA, US, no. 3511, 21 September 1998 (1998-09-21), pages 24-38, XP001085288 cited in the application page 34, line 1 - line 5; figure 20 -----	41,48

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 02/16468

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6236281	B1	22-05-2001	US 5955932 A	21-09-1999
			US 5491604 A	13-02-1996
			AU 5896694 A	04-07-1994
			WO 9414176 A1	23-06-1994
<hr/>				